

**CONFIDENTIAL**

Release Date \_\_\_\_\_

**P-W**

UNION #1-4 NAVAJO (b)(7)(D)  
SE SE 4-36N-29E APACHE CO.

**521**



# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

UNION OIL COMPANY OF CALIFORNIA

NAME OF COMPANY OR OPERATOR

P. O. BOX 1611

CASPER  
City

WYOMING 82601  
State

Address

Drilling Contractor

Address

## DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor <b>14-20-06-8833</b>	Well number <b>2-24 1-4(P)</b>	Elevation (ground) <b>6,560'</b>
Nearest distance from proposed location to property or lease line: <b>850 feet</b>	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: <b>None</b> feet	
Number of acres in lease: <b>1,559.5</b>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <b>One</b>	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address

Well location (give footage from section lines) <b>660' FSL and 850' FEL</b>	Section—township—range or block and survey <b>Sec. 4; T. 36N; R. 29E</b>	Dedication (Comply with Rule 105) <b>SE 1/4 E 2 SE 4</b>
Field and reservoir (if wildcat, so state) <b>Undesignated</b>	County <b>Apache</b>	

Distance, in miles, and direction from nearest town or post office <b>7/10 mile southwest of Cove, Arizona School</b>		
Proposed depth: <b>3,400'</b>	Rotary or cable tools <b>Rotary</b>	Approx. date work will start <b>November 7, 1969</b>
Bond Status <b>on file</b>	Organization Report <b>On file X</b> Or attached	Filing Fee of \$25.00 <b>Attached Yes</b>
Amount <b>Blanket</b>		
Remarks: Propose to drill 12-1/4" hole to 300', run and cement 8-5/8" OD casing to surface. Drill 7-7/8" hole to 3,400', log and test. If productive run 5-1/2" OD casing to total depth and cement. Perforate and complete using 2-3/8" OD tubing. Drill Stem Testing and Coring will be at the discretion of the well site geologist. Double Ram Pressure Operated B.O.P.'s will be used.		

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Drilling Supt. of the Union Oil Company of California (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

ORIGINAL SIGNED BY  
A. T. MANNON JR.  
Signature A. T. MANNON, JR.  
Date October 29, 1969

Permit Number: 521  
Approval Date: 11-5-69  
Approved By: \_\_\_\_\_

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill or Re-enter  
File Two Copies

Form No. 3

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 50%;"> <p style="text-align: center;"><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><b>ORIGINAL SIGNED BY</b> A. T. MANNON JR.</p> <p>Name <b>A. T. Mannon, Jr.</b></p> <p>Position <b>Dist. Drilling Supt.</b></p> <p>Company <b>Union Oil Co. of Calif.</b></p> <p>Date <b>October 29, 1969</b></p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p> </div> </div>	

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8	24	K-55	0	300	0 - 300	250
5-1/2	15.5	K-55	0	3,400		200

# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

UNION OIL COMPANY OF CALIFORNIA

NAME OF COMPANY OR OPERATOR

P. O. BOX 1611 CASPER WYOMING 82601  
Address City State

Drilling Contractor

Address

## DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-06-8833	Well number 2-P4 1-4(P)	Elevation (ground) 6,560'
Nearest distance from proposed location to property or lease line: 850 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Number of acres in lease: 1,559.5	Number of wells on lease, including this well, completed in or drilling to this reservoir: One	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address

Well location (give footage from section lines) 660' FSL and 850' FEL	Section—township—range or block and survey Sec. 4; T.36N; R.29E	Dedication (Comply with Rule 105) SE SE: E/2 SE/4
Field and reservoir (if wildcat, no state) Undesignated	County Apache	

Distance, in miles, and direction from nearest town or post office  
7/10 mile southwest of Cove, Arizona School

Proposed depth: 3,400'	Rotary or cable tools Rotary	Approx. date work will start November 7, 1969
Bond Status on file	Organization Report	Filing Fee of \$22.00
Amount Blanket	On file <input checked="" type="checkbox"/> Or attached	Attached <input checked="" type="checkbox"/> Yes

Remarks: Propose to drill 12-1/4" hole to 300', run and cement 8-5/8" OD casing to surface. Drill 7-7/8" hole to 3,400', log and test. If productive run 5-1/2" OD casing to total depth and cement. Perforate and complete using 2-3/8" OD tubing. Drill Stem Testing and Coring will be at the discretion of the well site geologist. Double Ram Pressure Operated B.O.P.'s will be used.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Drilling Supt. of the Union Oil Company of California (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*A. T. Mannon, Jr.*  
Signature A. T. Mannon, Jr.

October 29, 1969  
Date

Permit Number: 521

Approval Date: 11-5-69

Approved By: *John Bannister*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill or Re-enter  
File Two Copies

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6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

**CERTIFICATION**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

*A. T. Mannon, Jr.*  
 Name **A. T. Mannon, Jr.**  
 Position **Dist. Drilling Supt.**  
 Company **Union Oil Co. of Calif.**  
 Date **October 29, 1969**

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_

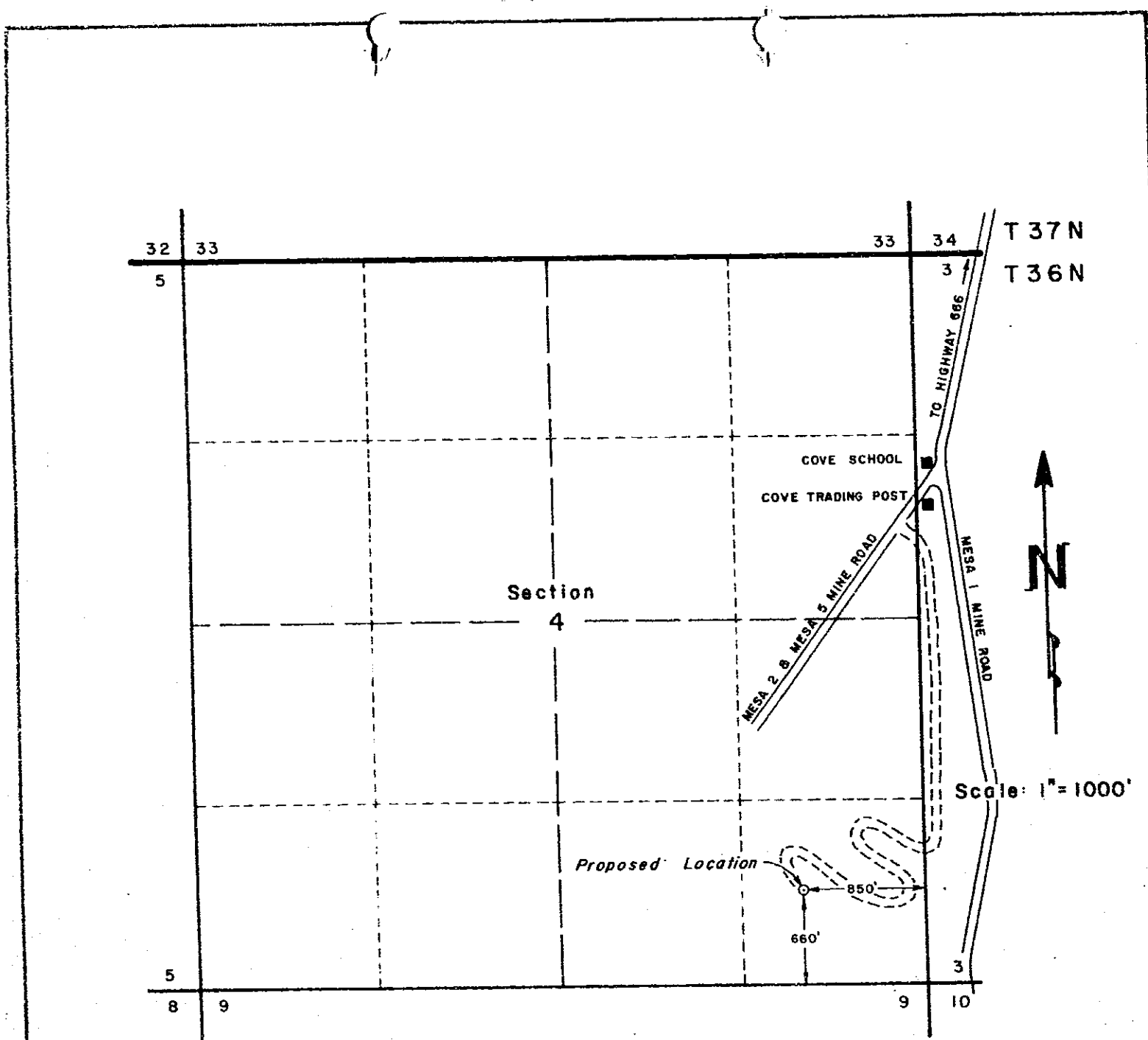
950'

660'

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8	24	K-55	0	300	0 - 300	250
5-1/2	15.5	K-55	0	3,400		200



**WELL LOCATION: Union Oil Co. Lukachukai No. 2-P4**

Located 660 feet North of the South line and 850 feet West of the East line of Section 4,  
 Township 36 North, Range 29 East, Gila & Salt River Meridian,  
 Apache Co., Arizona  
 Existing ground elevation determined at 6569 feet based on U.S.B.L.A. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor  
 State of Arizona # 5313

521

UNION OIL COMPANY  
 Denver, Colorado

WELL LOCATION PLAT  
 SEC. 4, T. 36 N., R. 29 E.  
 Apache Co., Arizona

CLARK-REED & ASSOC.  
 Durango, Colorado

DATE: Oct. 27, 1969  
 FILE NO: 69079



## PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: UNION OIL COMPANY OF CALIFORNIA  
(OPERATOR)

to drill a well to be known as

UNION OIL COMPANY #1-4 NAVAJO (8833)  
(WELL NAME)

located 860' FSL - 850' FSL

Section 4 Township 36N Range 29E, APACHE County, Arizona.

The E/2 SE/4 of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 5th day of NOVEMBER, 19 69.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister  
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL  
YOU MUST BE IN FULL COMPLIANCE WITH RULE  
105, SECTION A THRU G (SPACING), WITH RESPECT  
TO THE PRODUCT TO BE PRODUCED.

PERMIT No 521

RECEIPT NO. 2855  
API NO. 02-001-20120

State of Arizona  
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED



September 23, 1970

St. Paul Fire & Marine Insurance Company  
Moore, Case, Lyman & Hubbard, Inc.,  
175 West Jackson Boulevard  
Chicago, Illinois 60604

Re: Union #1-166 Navajo  
NW/4 NW/4 Sec. 20-T6N-R6W  
Apache County  
Our File #477

Union #1-11 Navajo  
SE/4 SW/4 Sec. 11-T36N-R29E  
Apache County  
Our File #519

Union #1-4 Navajo  
SE/4 SE/4 Sec. 4-T36N-R29E  
Apache County  
Our File #521

Union #1-17 Navajo  
SW/4 SW/4 Sec. 17-T36N-R29E  
Apache County  
Our File #522

Bond No. 400CF 7946/15194

Gentlemen:

Records of this office indicate that Union Oil Company has fulfilled their obligations to the State of Arizona as to the requirements pertaining to the above captioned wells. We authorize termination of the subject bond effective October 30, 1970.

Very truly yours,

W. E. Allen  
Director, Enforcement Section

WEA:jd  
cc: Union Oil Company  
Denver, Colorado

September 23, 1970

St. Paul Fire & Marine Insurance Company  
Moore, Case, Lyman & Hubbard, Inc.,  
175 West Jackson Boulevard  
Chicago, Illinois 60604

Re: Union #1-166 Navajo  
NW/4 NW/4 Sec. 20-T6N-R6W  
Apache County  
Our File #477

Union #1-11 Navajo  
SE/4 SW/4 Sec. 11-T36N-R29E  
Apache County  
Our File #519

Union #1-4 Navajo  
SE/4 SE/4 Sec. 4-T36N-R23E  
Apache County  
Our File #521

Union #1-17 Navajo  
SW/4 SW/4 Sec. 17-T36N-R29E  
Apache County  
Our File #522

Bond No. 400CF 7948/15194

Gentlemen:

Records of this office indicate that Union Oil Company has fulfilled their obligations to the State of Arizona as to the requirements pertaining to the above captioned wells. We authorize termination of the subject bond effective October 30, 1970.

Very truly yours,

W. E. Allen  
Director, Enforcement Section

WEA:jd  
cc: Union Oil Company  
Denver, Colorado

Operator UNION OIL COMPANY OF CALIFORNIA  
CO.  
Bond Company ST. PAUL FIRE & MARINE INSURANCE amount \$25,000  
Bond No. 400CF 7948/15194 Date Approved 11-6-68

Permits covered by this bond:

477

~~421~~ 521

519

527

**CANCELLED**  
DATE 10-30-70

See file  
#477 for  
the original  
copy of the  
bond.

Union Oil and Gas Division: Northern Region

Union Oil Company of California  
1060 Lincoln Street, Denver, Colorado 80203  
Telephone (303) 266-3331

**Union**

Joseph L. Wilson  
Manager of Lands

September 21, 1970

Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix, Arizona

Attention: Mr. John Bannister

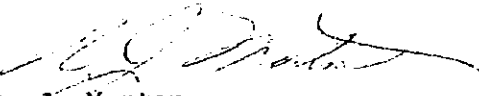
Re: Bond No. 400CF 7948/15194  
Union Oil Company of California,  
Principal

Gentlemen:

Reference is made to the subject bond, xerox copy attached, which, according to our records, expires on October 30, 1970. It is our desire to terminate this bond effective with the October 30 expiration. Accordingly, we shall appreciate your supplying the surety, St. Paul Fire & Marine Insurance Company, through their Chicago Agent, Moore, Case, Lyman & Hubbard, Inc., 175 West Jackson Boulevard, Chicago, Illinois, 60604 with an appropriate release of this bond, supplying this office with a copy of your release.

Thank you very much.

Very truly yours,

  
R. J. Morton  
Supervisor of Leases

RJM:kh  
Enclosure



# PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 400CF 7948/15194

That we: UNION OIL COMPANY OF CALIFORNIA

of the County of LOS ANGELES in the State of CALIFORNIA

as principal, and ST. PAUL FIRE AND MARINE INSURANCE COMPANY

of St. Paul, Minnesota

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of \$25,000.00 lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

## BLANKET BOND

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 30th day of OCTOBER, 1968

UNION OIL COMPANY OF CALIFORNIA

By: *[Signature]* VICE PRESIDENT  
*[Signature]* Principal

FORM APPROVED

WITNESS our hands and seals this 30th day of October, 1968

ST. PAUL FIRE AND MARINE INSURANCE COMPANY

By: *[Signature]* Attorney-in-Fact  
 Robert L. Gray Surety  
*[Signature]* Surety, Resident Arizona Agent  
 (If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: 11/6/68  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: *[Signature]*

STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Bond  
 File Two Copies  
 Form No. 2

Permit No. 477  
 521

Union Oil Company of California

Post Office Box 1611, Casper, Wyoming 82601  
Telephone (307) 234-1563

**union**

February 4, 1970

Mr. John Bannister  
Executive Secretary  
Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix, Arizona 85007

Re: Union Navajo #1-P4  
SE SE Sec. 4, T36N, R29E  
Apache County, Arizona  
Your File #521

Gentlemen:

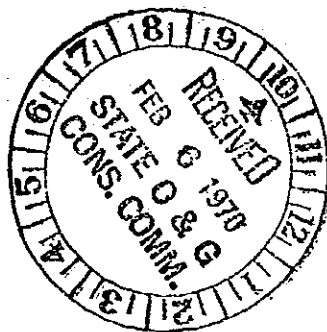
The above captioned well for which permission to drill was issued by you November 5, 1969 has not been drilled. The location has been abandoned and the lease allowed to expire.

Yours very truly,

*A. T. Mannon, Jr.*

A. T. Mannon, Jr.  
District Drilling Superintendent

ATM: jlp



521

January 28, 1970

Mr. Harold Simpson  
District Operations Manager  
Union Oil Company  
P. O. Box 1611  
Casper, Wyoming 82601

Re: Union #1-4 Navajo (S833)  
SE/4 SE/4 Sec. 4-36N-29E  
Apache County  
Our File #521

Dear Mr. Simpson:

The captioned permit was issued to you November 5, 1969. We have not been advised as to any drilling progress or current status of this well. However, we have noted that the trade journals have carried this well as drilling, etc. Will you please advise us immediately as to the status of this well in order that we may perfect our records.

Should you have any questions concerning our rules and regulations please advise.

Sincerely,

John Bannister  
Executive Secretary

JB:jd

November 8, 1969

Mr. Harold Simpson  
District Operations Manager  
Union Oil Company  
P. O. Box 1611  
Casper, Wyoming 82601

Re: Union Oil Company #1-4 Navajo (8833)  
T36N, R29E, G & SRM  
Sec. 4: SE/4 SE/4  
Apache County  
Permit #521

Dear Mr. Simpson:

Enclosed is your approved Application for Permit To Drill, Receipt No. 2855 covering the \$25 filing fee, and the Permit To Drill. Also enclosed are miscellaneous instruction sheets pertaining to well samples and reports required by this office.

Yours truly,

James A. Lambert  
Administrative Assistant

jd  
Enc. (5)



Union Oil Company of California  
Post Office Box 1611, Casper, Wyoming 82601  
Telephone (307) 234-1563



October 29, 1969

Arizona Oil and Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo Contract  
14-20-0603-8833  
Well Navajo No. 2-P4  
SE SE Section 4, T36N; R29E  
Apache County, Arizona

Gentlemen:

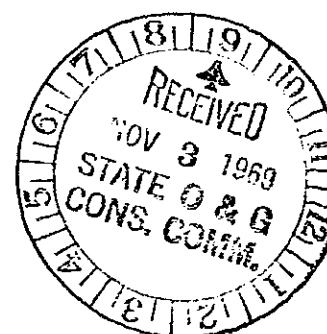
Enclosed are Union Oil Company of California's application to  
drill the subject well. This well is being drilled as a "tight"  
hole and information on this well is requested to be held  
~~confidential~~

Very truly yours,

Union Oil Company of California

*Harold Simpson*  
Harold Simpson  
District Operations Manager

TNM:kj  
Attach.



ENDORSEMENT OF CHECK WILL CONSTITUTE RECEIPT. NO OTHER ACKNOWLEDGMENT NECESSARY.  
PLEASE DETACH BEFORE DEPOSITING CASH DISCOUNT TAKEN CHECK AMOUNT

FOR Drilling Permit - Navajo Leachukai No. 2-P4  
Apache County, Arizona

\$25.00

521